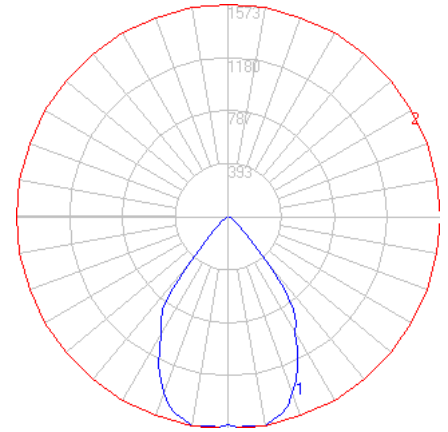


BEGA

File: 24253K4_BEGA_IES.ies

TEST: BE_24253K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 253K4
LAMP: 16.8W LED

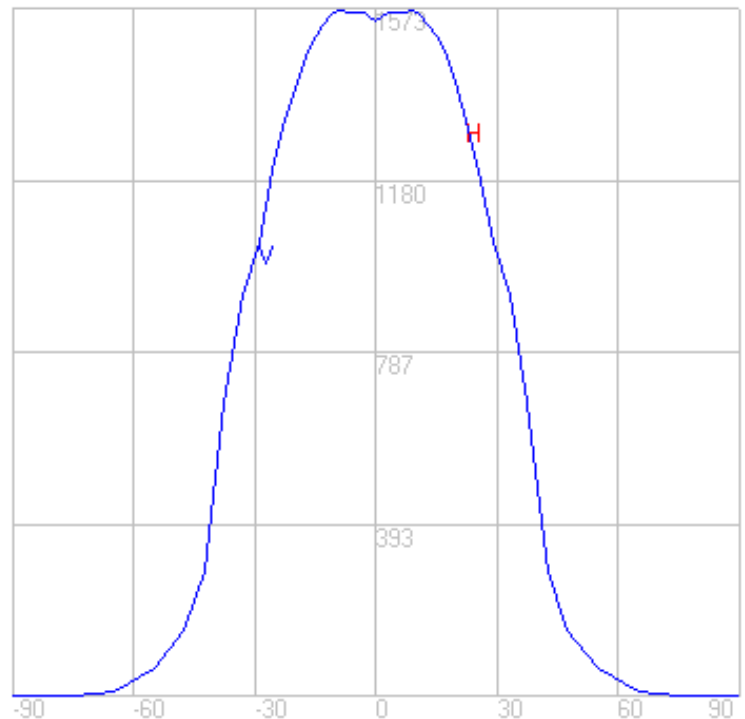
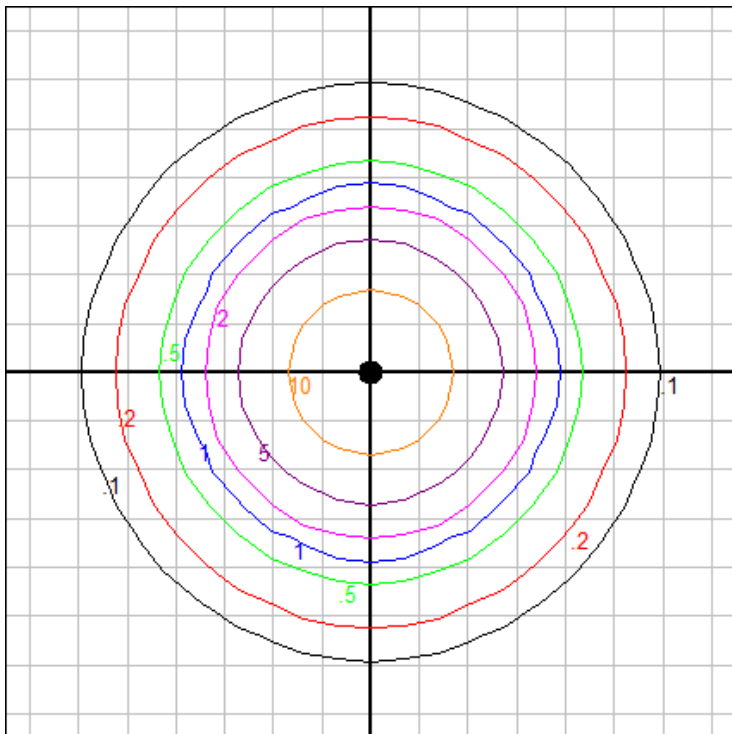


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1573.207
Maximum Candela Angle	-7 H -7 V
Horizontal Beam Angle (50%)	69.7
Vertical Beam Angle (50%)	69.7
Horizontal Field Angle (10%)	93.9
Vertical Field Angle (10%)	93.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1406
Beam Efficiency	N.A.
Field Lumens	1772
Field Efficiency	N.A.
Spill Lumens	99
Luminaire Lumens	1871
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	149.58
10-20	423.39
20-30	555.37
30-40	494.42
40-50	173.94
50-60	57.50
60-70	10.21
70-80	0.73
80-90	0.00
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 10 ft.

Grid Spacing: 2.5 ft.

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

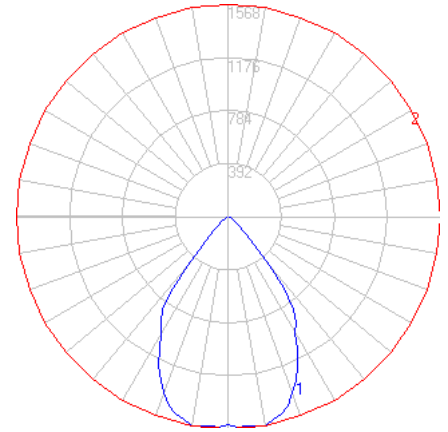
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BEGA

File: 24253K35_BEGA_IES.ies

TEST: BE_24253K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 253K35
LAMP: 16.8W LED

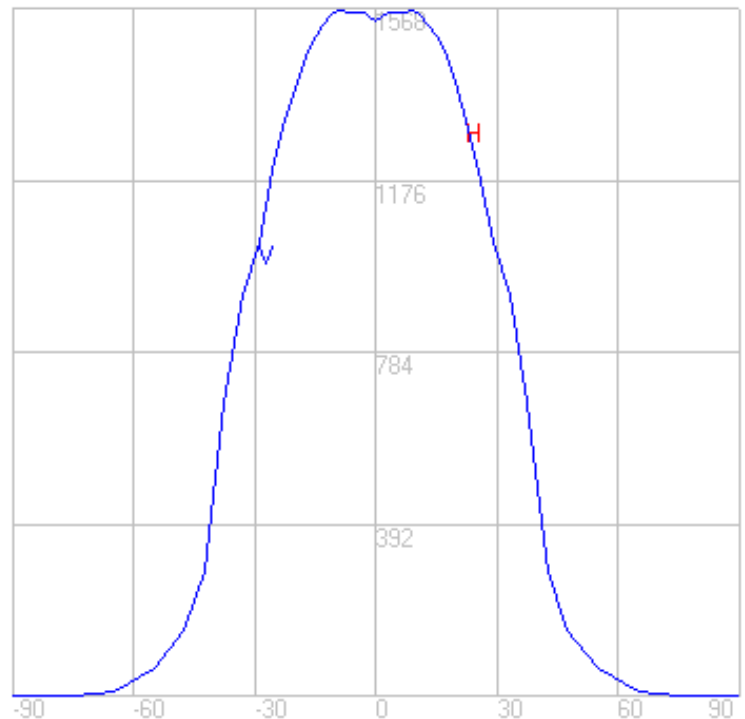
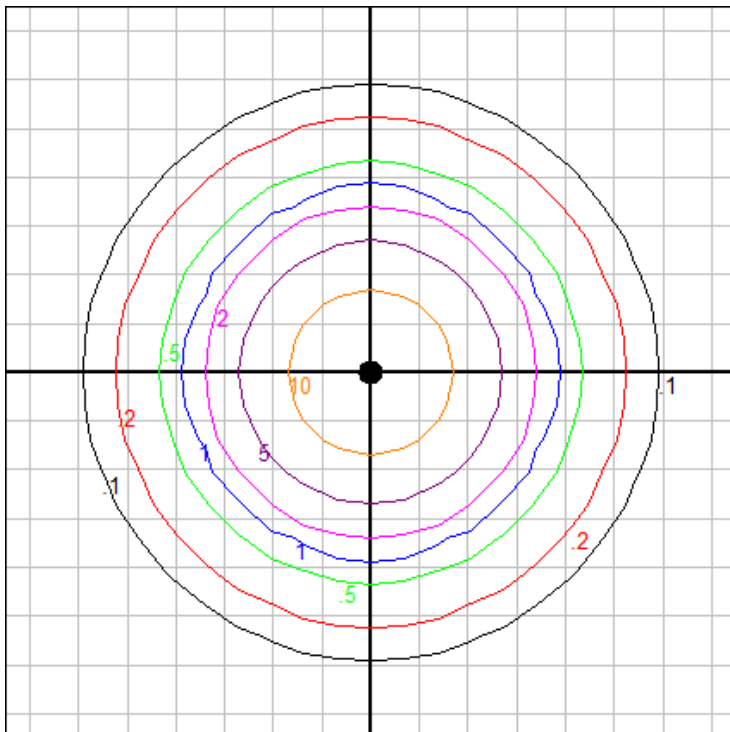


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1567.648
Maximum Candela Angle	-7 H -7 V
Horizontal Beam Angle (50%)	69.7
Vertical Beam Angle (50%)	69.7
Horizontal Field Angle (10%)	93.9
Vertical Field Angle (10%)	93.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1401
Beam Efficiency	N.A.
Field Lumens	1765
Field Efficiency	N.A.
Spill Lumens	99
Luminaire Lumens	1864
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	149.05
10-20	421.89
20-30	553.41
30-40	492.67
40-50	173.32
50-60	57.29
60-70	10.18
70-80	0.73
80-90	0.00
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 10 ft.

Grid Spacing: 2.5 ft.

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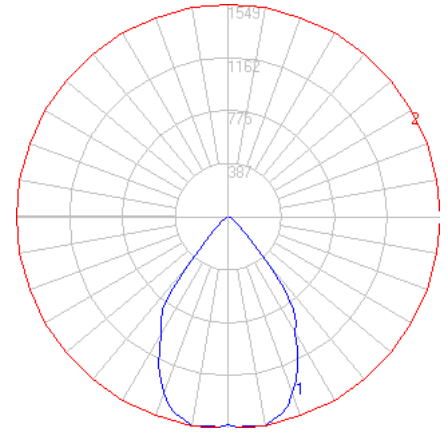
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File: 24253K3_BEGA_IES.ies

TEST: BE_24253K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 253K3
LAMP: 16.8W LED

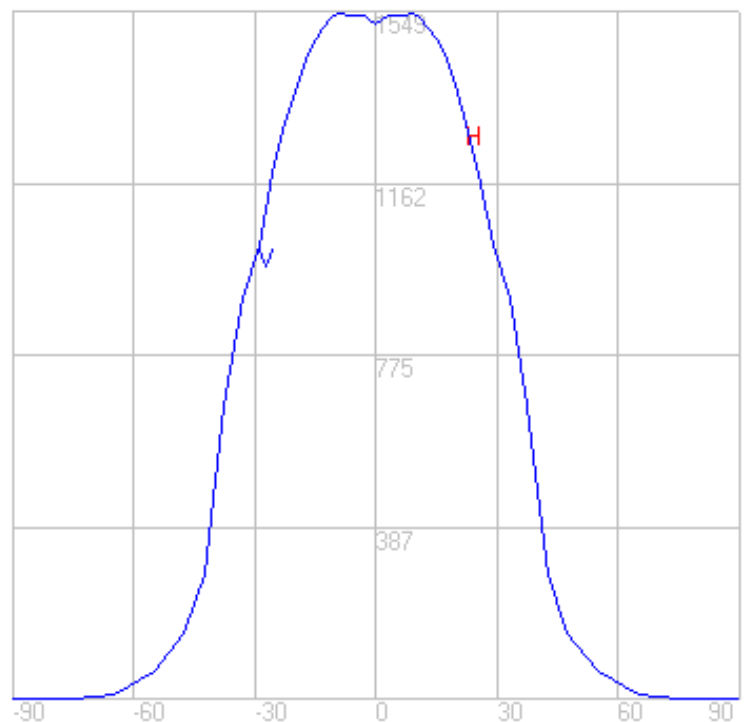
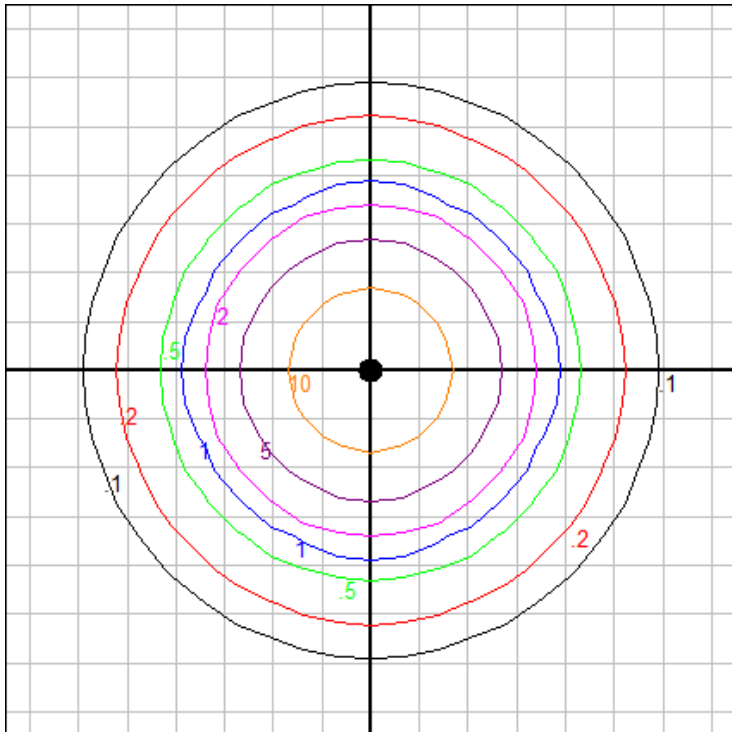


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1549.117
Maximum Candela Angle	-7 H -7 V
Horizontal Beam Angle (50%)	69.7
Vertical Beam Angle (50%)	69.7
Horizontal Field Angle (10%)	93.9
Vertical Field Angle (10%)	93.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1385
Beam Efficiency	N.A.
Field Lumens	1745
Field Efficiency	N.A.
Spill Lumens	98
Luminaire Lumens	1842
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	147.29
10-20	416.90
20-30	546.86
30-40	486.85
40-50	171.27
50-60	56.62
60-70	10.06
70-80	0.72
80-90	0.00
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 10 ft.

Grid Spacing: 2.5 ft.

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

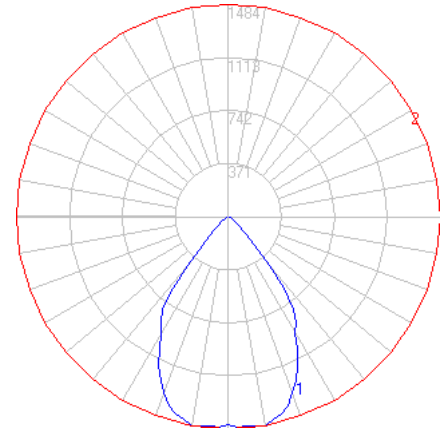
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BEGA

File: 24253K27_BEGA_IES.ies

TEST: BE_24253K4
TEST LAB: BEGA
DATE: 6/24/2019
LUMINAIRE: 24 253K27
LAMP: 16.8W LED

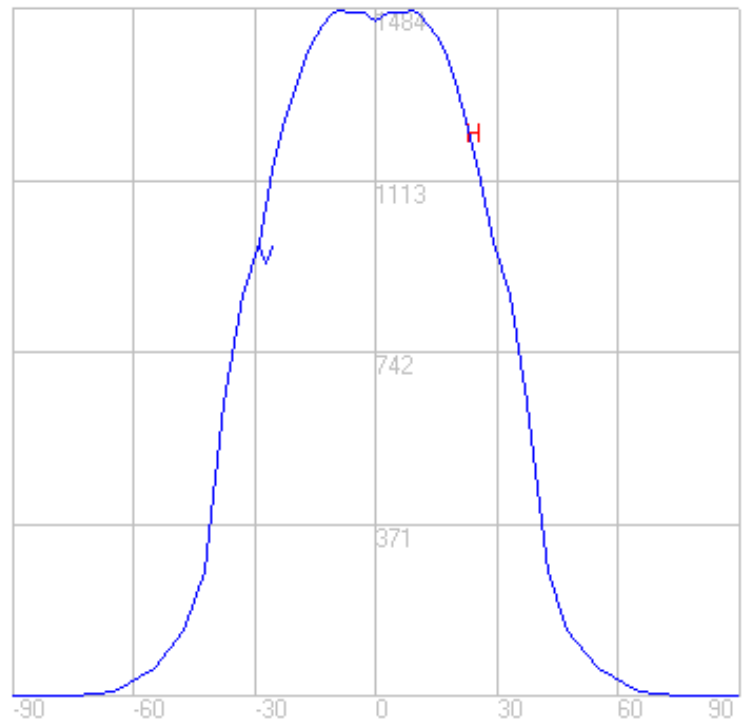
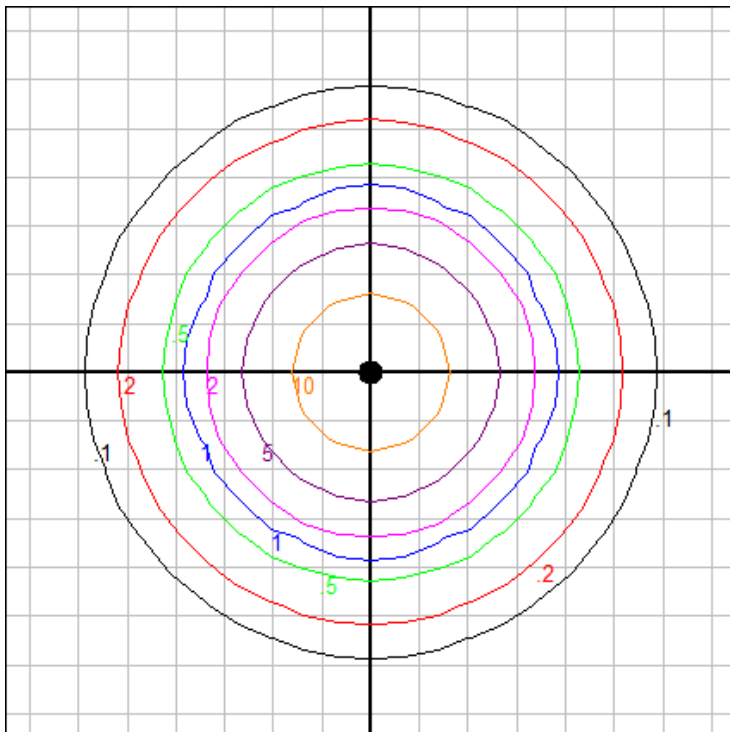


Characteristics

NEMA Type	5 H x 5 V
Maximum Candela	1484.262
Maximum Candela Angle	-7 H -7 V
Horizontal Beam Angle (50%)	69.7
Vertical Beam Angle (50%)	69.7
Horizontal Field Angle (10%)	93.9
Vertical Field Angle (10%)	93.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1327
Beam Efficiency	N.A.
Field Lumens	1671
Field Efficiency	N.A.
Spill Lumens	94
Luminaire Lumens	1765
Total Efficiency	N.A.
Total Luminaire Watts	20
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	141.12
10-20	399.45
20-30	523.97
30-40	466.47
40-50	164.10
50-60	54.25
60-70	9.64
70-80	0.69
80-90	0.00
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 10 ft.

Grid Spacing: 2.5 ft.

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